

## AI Training: Final TOC

Session	Time	Content	Learning Outcome Statement
<b>A. Introduction and Recap [2 Hours]</b>			
1	15 mins	<b>Recap of pre-assessment quiz</b>	Ability to identify individual GenAI proficiency gaps and align personal learning goals
2	45 mins	<b>Recap of Pre-Read:</b> <ul style="list-style-type: none"> <li>a. Evolution from ML to LLMs</li> <li>b. Architecture, how LLMs learn patterns</li> <li>c. Tokenization, parameters and inference</li> <li>d. Traditional ML vs. Generative AI</li> <li>e. Role of training data, features, and model performance</li> <li>f. Transformers and concept of attention</li> <li>g. Tuning of models / RAG</li> </ul>	<ul style="list-style-type: none"> <li>a. Understand how models like GPT, Claude, and Gemini process and generate text</li> <li>b. Identify appropriate use cases for consulting scenarios (Research, Problem Solving)</li> <li>c. Differentiate between ML models and LLMs</li> <li>d. Recognize where predictive vs. generative models fit in consulting workflows</li> </ul>
3	60 mins	<b>Advanced Prompt Engineering:</b> <ul style="list-style-type: none"> <li>a. Advanced prompting strategies (Role prompting, Chain-of-Thought, Tree-of-Thought)</li> <li>b. Accuracy validation and hallucination control</li> <li>c. CORES method recap and enhancement</li> <li>d. Meta prompting</li> </ul>	<ul style="list-style-type: none"> <li>a. Design prompts to improve accuracy and relevance</li> <li>b. Create validated research summaries, market scans, and hypothesis frameworks</li> </ul>
<b>B. Application Session #1 [2.5 Hours]</b>			
4	60 mins	<b>Comparative Tool Analysis &amp; Selection:</b> Simulation comparing ChatGPT, Perplexity, Gemini, and Claude for different consulting use cases (research, strategy, comms).	Capability to evaluate and choose the most suitable GenAI tool (ChatGPT, Gemini, Claude, Perplexity) for a given consulting task using a structured framework
5	90 mins	<b>Case Simulation 1: Research &amp; Intelligence</b> End-to-end research simulation (market scan or trend analysis). Participants generate and validate insights using GenAI.	Proficiency in conducting end-to-end market or industry research, fact-checking with Perplexity, and summarizing validated insights for client reports
<b>C. Application Session #2 [2.25 Hours]</b>			
5	45 mins	<b>Presentation Design with AI (Gamma, Xavier)</b> <ul style="list-style-type: none"> <li>a. Converting structured insights into slide decks</li> </ul> Using AI to generate visuals, summaries, and storylines	Design client-ready presentations efficiently
7	90 mins	<b>Case Simulation 2: Excel + LLM</b> <ul style="list-style-type: none"> <li>a. Quantitative and unstructured data analysis (Excel + social data) to build data-backed consulting arguments</li> <li>b. Creating insights using ChatGPT/Claude and ppt using Gamma</li> </ul>	<ul style="list-style-type: none"> <li>a. Automate quantitative and unstructured data analysis (Excel + social data scraping)</li> <li>b. Generate executive summaries, and structure findings</li> </ul>
<b>D. Overview of Advanced GPT Applications [3 Hours]</b>			
8	60 mins	<b>Fine-Tuning and Customization</b> <ul style="list-style-type: none"> <li>a. Understanding fine-tuning vs. prompt engineering</li> <li>b. Creating a "Custom GPT" for consulting workflows</li> <li>c. Examples of domain-specific GPTs (Market research bot, Slide creator bot)</li> </ul>	Build tailored AI agents for repetitive consulting tasks ( <i>Use Case: Operational Efficiency, Research &amp; Intelligence</i> )

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9	60 mins	<b>Agentic AI and Workflow Automation</b> <ul style="list-style-type: none"> <li>a. Concept of autonomous agents and task chaining</li> <li>b. Live demo: Multi-step AI reasoning</li> </ul>	<ul style="list-style-type: none"> <li>a. Understand how Agentic AI executes tasks end-to-end</li> <li>b. Design an agent to summarize client calls and auto-generate follow-up emails</li> </ul>
10	60 mins	<b>No-Code AI Workflows (n8n)</b> <ul style="list-style-type: none"> <li>a. Integrating tools like Perplexity → GPT → Gmail</li> <li>b. Building an automation for “Daily Consulting Intelligence”</li> </ul>	Automate research → summarization → email workflows without coding